



CT House of Representatives  
Legislative Office Building  
Hartford, CT 06106

March 17, 2011

Subject: Support for SB 1168: An Act Concerning An Electric Vehicle Infrastructure

Most Distinguished Representative of the House and Senate,

I am writing today in support of SB 1168 An Act Concerning An Electric Vehicle Infrastructure and to underscore the importance of including hydrogen fuel cell and hybrid drive electric vehicle fueling infrastructure as part of this initiative. This is an important opportunity to support the robust hydrogen and fuel cell industry sector within Connecticut, to grow high technology engineering and manufacturing jobs.

Avālencc, LLC - based in Milford, CT is an OEM (original equipment manufacturer) of advanced electrolytic hydrogen generating equipment/fueling stations; the company's patented *Hydrofiller* technology is globally unique, and offers both cost and efficiency advantages when linked with renewable energy such as solar.

*Hydrofiller* fueling stations are being installed in Hamden and at CTTRANSIT headquarters in Hartford (dedicated to the fleet of UTC fuel cell busses garaged at the facility). The *Hydrofiller* is currently undergoing CE certification for export to Europe and Asia. We have immediate and growing export opportunities, and our company is expanding.

**As electric vehicle charging stations are installed, the state must anticipate and support the addition of hydrogen fueling infrastructure.** This will have a direct and profoundly positive impact on job growth within Connecticut's indigenous hydrogen and fuel cell industry. An SBA funded study is revealing that the 8 H2FC OEMs in Connecticut support an in-state supply chain of over 500 companies.

As the electric vehicle charging infrastructure is deployed, hydrogen fueling infrastructure will also grow, for it is the *hybrid electric drive* platform that truly will meets the power and distance performance that drivers demand. It is the hydrogen-hybrid electric drive train (dual fuel cell and electric) is the preferred clean transportation solution by all the major auto companies, and global demand for indigenous Connecticut-based hydrogen and fuel cell technologies is ramping *now*.

As I left the LOB yesterday I crossed paths with the UTC Fuel Cell bus making its rounds at the capitol. I am proud that our state is second to only California in the number of fuel cell powered public transit vehicles on our roads. I thank you for ensuring that Connecticut continues to lead in developing, manufacturing and deploying the advanced electrochemical fuel cell technology and hydrogen infrastructure that benefits all Connecticut residents as we transition to clean, domestic energy infrastructure and grow our local economy.

Sincerely,

A handwritten signature in black ink, appearing to read "Deborah K. Moss".

Deborah Moss  
Chair, Founder

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